

an opposite body attachable to said body in juxtaposition thereto and having a shape complementary to a corresponding shape of the body, said body being provided with elevations and recesses on a side thereof which faces a confronting surface of said opposite body when attached thereto, surfaces of said elevations and recesses facing said confronting surface being spaced apart therefrom a distance such that said elevations and recesses respectively define, in conjunction with said confronting surface, capillary gaps for transporting liquids by capillary forces and recessed regions therebetween which are capillarily inactive and having a width of at least 1,000 μm and a depth of at least 1,500 μm , thereby preventing transport of liquids between adjacent ones of said capillary gaps by capillary force; and

at least one liquid supply for supplying liquid dosing to said capillary gaps.

3. (Amended) A device as claimed in claim 1, wherein said at least one liquid supply includes a discrete liquid supply for each of said capillary gaps.


4. (Amended) A device as claimed in claim 1, wherein the body is in a form of a plane cover plate.

5. (Amended) A device as claimed in 4, wherein the opposite body is in a form of a plane support plate.

~~6.~~ (Amended) A device as claimed in 18, wherein the spacers are components of the support plate.

~~7.~~ (Amended) A device as claimed in claim 19, wherein the spacers are components of the cover plate.

~~8.~~ (Amended) A device as claimed in claim 18, wherein the spacers are arranged in the form of bars spaced apart in a regular pattern.



~~9.~~ (Amended) A device as claimed in claim 18, wherein the spacers are designed as discrete spacer elements sealingly insertable between the body and the opposite body, said spacer elements being given a defined height in dependence on characteristics of the fluid to be directed along a course defined by the capillary gaps.

~~10.~~ (Amended) A device as claimed in claim 1, wherein the elevations are defined by generally bar-shaped structures.

11. (Amended) A device as claimed in claim 5, wherein the cover plate is removably attachable to the support plate in a manner substantially free of tensions in different directions.

32 12. (Amended) A device as claimed in claim 1, wherein, on the body, a plurality of capillary gaps is provided independently from each other and with an inlet and outlet each.

15. (Amended) A device as claimed in any one of claims 1, 3-14, wherein said opposite body is in a form of one of a plane, planar and substrate plate provided with recesses.

33 16. (Amended) A device as claimed in any one of claims 1, 3-14, wherein said opposite body is in a form of a bio-chip.

17. (Amended) A device as claimed in any one of claims 1, 3-14, wherein said opposite body is in a form of one of a micro-titer plate and a nano-titer plate.

Please add the following claims.

~~--18.~~ A device as claimed in claim 1, further comprising spacers for setting the distance at which the surfaces of said elevations and recesses facing said confronting surface are spaced apart.

34 ~~19.~~ A device as claimed in claim 4, further comprising spacers for setting the distance at which the surfaces of said elevations and recesses facing said confronting surface are spaced apart.—